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DEPARTMENT OF
INSPECTIONS & PERMITS

REQUIRED INSPECTIONS

According to Section 109 of the 2005 Connecticut State Building Code construction or work for which a permit is required shall be subject to inspection and the work shall remain accessible and exposed for inspection purposes until approved. It is the duty of the permit applicant to keep the work accessible and exposed and to request inspections.

Depending on the scope of work of each project and permit the following inspections may be required:

<i>Type of Inspection</i>	<i>Description</i>	<i>Code Reference</i>
Preliminary inspections	Buildings, structures and sites may be inspected prior to issuing a permit. This can be helpful with alterations.	109.2
Footing inspection	Done after excavation for footings are complete and any required reinforcing steel is in place.	109.3.1
Foundation inspection	Formwork and any required reinforcing steel must be in place.	109.3.1
Concrete slab and under-floor inspection	Done after in-slab and under-floor reinforcing steel and building service equipment, conduit, piping accessories and other ancillary equipment items are in place and before any concrete is poured or floor sheathing is installed, including the subfloor.	109.3.2
Lowest floor elevation	This applies to construction in flood hazard areas only.	109.3.3
Rough mechanical & electrical	All electrical wiring and devices, heating wiring, piping and ducts, and plumbing piping to be concealed must be inspected prior to frame inspection.	109.3.4
Frame inspection	Done after roof deck or sheathing, all framing, fireblocking and bracing are in place and pipes, chimneys and vents to be concealed are complete.	109.3.4
Gypsum board	For fire-resistance rated assemblies this inspection is required before joints and fasteners are taped and finished.	109.3.5
Fire-resistant penetrations	Protection of joints and penetrations in fire-resistance-rated assemblies shall not be concealed from view until inspected and approved.	109.3.6
Energy efficiency inspections	Inspections shall be made to determine compliance with energy code requirements such as thermal insulation, insulation of pipes and ducts, sealing of gaps, duct tightness, fenestration U-value, etc. These may be done at various stages of construction.	109.3.7
Other inspections	Other inspections may be required to determine code compliance as may be determined by the building official.	109.3.8
Special inspections	As required in Chapter 17 of the 2003 International Building Code portion of the 2005 State Building Code.	109.3.9
Final inspection	This is done after all other inspections and all work required by the building permit is completed and prior to issuance of a certificate of occupancy.	

Prepared by
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